

## CLAIMS

1. An additive for hydrocarbon fuels, comprising:  
active components including:  
a hydrocarbon mixture in the range of approximately 60% to 76% by volume;  
hydrotreated distillates in the range of approximately 10% to 16% by volume;  
at least one predetermined vapor phase inhibitor; and  
at least one predetermined surfactant.
2. The additive of claim 1, wherein:  
said active components also include petroleum amines.
3. The additive of claim 1, wherein:  
said active components also include at least one aromatic hydrocarbon.
4. The additive of claim 2, wherein:  
said active components also include at least one aromatic hydrocarbon.
5. The additive of claim 1, wherein:  
said active components include a blend of vapor phase inhibitors.

6. The additive of claim 2, wherein:  
said active components include a blend of vapor phase inhibitors
7. The additive of claim 3, wherein:  
said active components include a blend of vapor phase inhibitors.
8. The additive of claim 4, wherein:  
said active components include a blend of vapor phase inhibitors.
9. The additive of claim 1, wherein:  
said active components include anionic and ionic surfactants.
10. The additive of claim 2, wherein:  
said active components include anionic and ionic surfactants.
11. The additive of claim 3, wherein:  
said active components include anionic and ionic surfactants.
12. The additive of claim 4, wherein:  
said active components include anionic and ionic surfactants.
13. The additive of claim 5, wherein:  
said active components include anionic and ionic surfactants.

14. The additive of claim 6, wherein:

said active components include anionic and ionic surfactants.

15. The additive of claim 7, wherein:

said active components include anionic and ionic surfactants.

16. The additive of claim 8, wherein:

said active components include anionic and ionic surfactants.

17. The additive of claim 2, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.

18. The additive of claim 4, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.

19. The additive of claim 6, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.

20. The additive of claim 8, wherein:

said petroleum amines are included in the range of approximately 5% to 8% by volume.